



Curriculum 10

<i>first year / first semester</i>			
Prerequisite	num hr	COURSE	Course num
	3	General Biological Sciences 1	0300141
	3	General Chemistry 1	0300131
*General Chemistry 1	1	Practical General Chemistry 1	0300133
	3	Mathematics pharmaceutical statistics	1101102
	3	Arabic Language 1	0200102
	3	English Language 1	0200103
	16	SUM	

<i>Second year / first semester</i>			
Prerequisite	num hr	COURSE	Course num
Pharmaceutical analytical Chemistry	3	Pharmaceutical Organic Chemistry 1	1101213
Human Physiology and Human Anatomy	2	Biochemistry for pharmacy 1	1101211
Mathematics pharmaceutical statistics	3	Physical Pharmacy and pharmaceuticals	1101350



* Physical Pharmacy and pharmaceutics	1	Physical Pharmacy Practical	1101220
Pharmaceutical analytical Chemistry	3	Instrumental analysis	1101313
*Instrumental analysis	1	Instrumental analysis Practical	1101315
	16	SUM	

Third year / first semester			
Prerequisite	num hr	COURSE	Course num
Biochemistry for pharmacy (2)	3	phathophysiology for pharmacy	1101416
Instrumental analysis	2	Clinical Biochemistry for pharmacy	1101342
(2) Biochemistry for pharmacy	3	Pharmacology (I)	1101311
Pharmaceutical Microbiology and (1) immunology	3	Pharmaceutical Microbiology and immunology 2	1101341
Pharmaceutical Organic Chemistry (II)	3	Medicinal Chemistry (I)	1101324
	3	Elective courses	
	17	SUM	

Forth year / first semester			
Prerequisite	num hr	COURSE	Course num



Medicinal Chemistry 2	3	Medicinal Chemistry 3	1101412
*Medicinal Chemistry 3	1	Medicinal Chemistry practical	1101414
Clinical Biochemistry for pharmacy	3	Pharmacognosy and Phytochemistry	1101429
*Pharmacognosy and Phytochemistry	1	Pharmacognosy and Phytochemistry practical	1101423
Biopharmaceutics and Pharmacokinetic	3	Clinical Pharmacy and therapeutics (I)	1101428
*Clinical Pharmacy and therapeutics (I)	1	(I) Case studies in therapeutics	1101430
Pharmacology (II)	3	Pharmacology (III)	1101425
	15	SUM	

/ Summer semester		
num hr	COURSE	Course num
6	Practical Training in Pharmacy	1101585
6	SUM	



Fifth year / first semester			
Prerequisite	num hr	COURSE	Course num
Practical Training in Pharmacy	3	Pharmaceutical care and pharmacy practice	1101586
Clinical Pharmacy and therapeutics (II)	3	clinical Pharmacy and therapeutics (III)	1101587
Pharmacology (III)	3	pharmacoeconomics	1101415
Industrial Pharmacy	2	Pharmaceutical quality and regulatory affairs	1101559
	3	Elective courses	
	1	Elective courses	
	15	SUM	

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synchronized



<i>first year / second semester</i>			
Prerequisite	num hr	COURSE	Course num
General Biological Sciences 1	3	Human Anatomy	0701259
General Biological Sciences 1	3	Human Physiology	0701364
	0	Society development and volunteer work	0200115
General Chemistry 2	3	Pharmaceutical analytical Chemistry	1101215
Pharmaceutical analytical *Chemistry	1	Pharmaceutical analytical Chemistry Practical	1101217
	3	Elective courses	
	1	Elective courses	
	1	Elective courses	
	15	SUM	

<i>Second year /second semester</i>			
Prerequisite	num hr	COURSE	Course num
Biochemistry for pharmacy 1	3	Pharmaceutical Microbiology and immunology 1	1101340
*Pharmaceutical Microbiology and immunology 1	1	Microbiology and Immunology Practica	1101308



Physical Pharmacy and pharmaceutics	3	Pharmaceutics (I)	1101317
*Pharmaceutics (I)	1	Pharmaceutics Practical (I)	1101319
Pharmaceutical Organic Chemistry 1	3	Pharmaceutical Organic Chemistry (II)	1101214
*Pharmaceutical Organic Chemistry (II)	1	Pharmaceutical Organic Chemistry Practical	1101216
Biochemistry for pharmacy 1	2	Biochemistry for pharmacy (2)	1101212
	3	Elective courses	
	17	SUM	

Third year / second semester			
Prerequisite	num hr	COURSE	Course num
Pharmaceutics (I)	3	Pharmaceutics 2	1101318
*Pharmaceutics 2	1	Pharmaceutics Practical (I)	1101347
phathophysiology for pharmacy and Pharmacology (1)	1	Simulation pharmacy practical	1101339
Pharmacology (I)	3	Pharmacology (2)	1101312
Pharmaceutics(1)	3	Biopharmaceutics and Pharmacokinetic	1101418
*Biopharmaceutics and Pharmacokinetic	1	Applications in pharmacokinetics	1101431
Medicinal Chemistry (I)	3	(2) Medicinal Chemistry	1101411
	15	SUM	



Forth year / second semester			
Prerequisite	num hr	COURSE	Course num
Pharmaceutics 2	3	Industrial Pharmacy	1101417
*Industrial Pharmacy	1	Industrial Pharmacy Practical	1101419
Clinical Pharmacy and therapeutics (I)	3	Clinical Pharmacy and therapeutics (II)	1101523
Clinical Pharmacy and therapeutics (II)*	1	Case studies in therapeutics ()	1101432
Pharmacognosy and Phytochemistry	3	Harbal medicine	1101449
Pharmacology (III)	3	Nonprescription Medication(OTC)	1101435
	3	Elective courses	
	17	SUM	

Forth year
Prerequisite
Pharmacology(III) and Simulation pharmacy practica

Fifth year /second semester



Prerequisite	num hr	COURSE	Course num
Harbal medicine	2	Toxicology for pharmacy	1101514
Practical Training in Pharmacy	1	Ethics and legislation for pharmacy	1101528
Nonprescription Medication (OTC	2	Pharmaceutical marketing and promotion	1101529
Simulation pharmacy practical	2	pharmaceutical biotechnology and pharmacogene	1101553
	3	Elective courses	
	3	Elective courses	
	3	Elective courses	
	16	SUM	